

SEQUENCE LISTING

<110> INCYTE GENOMICS, INC.
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<120> RECEPTORS AND ASSOCIATED PROTEINS

<130> PF-0726 PCT

<140> To Be Assigned
<141> Herewith

<150> 60/145,232; 60/158,578; 60/165,192
<151> 1999-07-21; 1999-10-07; 1999-11-12

<160> 44
<170> PERL Program

<210> 1
<211> 411
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 209171CD1

<400> 1
Met Ala Gln Arg Gln Leu Leu Asn Lys Lys Gly Phe Gly Glu Pro
1 5 10 15
Val Leu Pro Arg Pro Pro Ser Leu Ile Gln Asn Glu Cys Gly Gln
20 25 30
Gly Glu Gln Ala Ser Glu Lys Asn Glu Cys Ile Ser Glu Asp Met
35 40 45
Gly Asp Glu Asp Lys Glu Glu Arg Gln Glu Ser Arg Ala Ser Asp
50 55 60
Trp His Ser Lys Thr Lys Asp Phe Gln Glu Ser Ser Ile Lys Ser
65 70 75
Leu Lys Glu Lys Leu Leu Leu Glu Glu Glu Pro Thr Thr Ser His
80 85 90
Gly Gln Ser Ser Gln Gly Ile Val Glu Glu Thr Ser Glu Glu Gly
95 100 105
Asn Ser Val Pro Ala Ser Gln Ser Val Ala Ala Leu Thr Ser Lys
110 115 120
Arg Ser Leu Val Leu Met Pro Glu Ser Ser Ala Glu Glu Ile Thr
125 130 135
Val Cys Pro Glu Thr Gln Leu Ser Ser Ser Glu Thr Phe Asp Leu
140 145 150
Glu Arg Glu Val Ser Pro Gly Ser Arg Asp Ile Leu Asp Gly Val
155 160 165
Arg Ile Ile Met Ala Asp Lys Glu Val Gly Asn Lys Glu Asp Ala
170 175 180

Glu Lys Glu Val Ala Ile Ser Thr Phe Ser Ser Ser Asn Gln Val
 185 190 195
 Ser Cys Pro Leu Cys Asp Gln Cys Phe Pro Pro Thr Lys Ile Glu
 200 205 210
 Arg His Ala Met Tyr Cys Asn Gly Leu Met Glu Glu Asp Thr Val
 215 220 225
 Leu Thr Arg Arg Gln Lys Glu Ala Lys Thr Lys Ser Asp Ser Gly
 230 235 240
 Thr Ala Ala Gln Thr Ser Leu Asp Ile Asp Lys Asn Glu Lys Cys
 245 250 255
 Tyr Leu Cys Lys Ser Leu Val Pro Phe Arg Glu Tyr Gln Cys His
 260 265 270
 Val Asp Ser Cys Leu Gln Leu Ala Lys Ala Asp Gln Gly Asp Gly
 275 280 285
 Pro Glu Gly Ser Gly Arg Ala Cys Ser Thr Val Glu Gly Lys Trp
 290 295 300
 Gln Gln Arg Leu Lys Asn Pro Lys Glu Lys Gly His Ser Glu Gly
 305 310 315
 Arg Leu Leu Ser Phe Leu Glu Gln Ser Glu His Lys Thr Ser Asp
 320 325 330
 Ala Asp Ile Lys Ser Ser Glu Thr Gly Ala Phe Arg Val Pro Ser
 335 340 345
 Pro Gly Met Glu Glu Ala Gly Cys Ser Arg Glu Met Gln Ser Ser
 350 355 360
 Phe Thr Arg Arg Asp Leu Asn Glu Ser Pro Val Lys Ser Phe Val
 365 370 375
 Ser Ile Ser Glu Ala Thr Asp Cys Leu Val Asp Phe Lys Lys Gln
 380 385 390
 Val Thr Val Gln Pro Gly Ser Arg Thr Arg Thr Lys Ala Gly Arg
 395 400 405
 Gly Arg Arg Arg Lys Phe
 410

<210> 2

<211> 579

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 945430CD1

<400> 2

Met Phe Phe Arg Val Phe Leu His Phe Ile Arg Ser His Ser Ala
 1 5 10 15
 Thr Ala Val Asp Phe Leu Pro Val Met Val His Arg Leu Pro Val
 20 25 30
 Phe Lys Arg Tyr Met Gly Asn Thr Pro Gln Lys Lys Ala Val Phe
 35 40 45
 Gly Gln Cys Arg Gly Leu Pro Cys Val Ala Pro Leu Leu Thr Thr
 50 55 60
 Val Glu Glu Ala Pro Arg Gly Ile Ser Ala Arg Val Trp Gly His
 65 70 75
 Phe Pro Lys Trp Leu Asn Gly Ser Leu Leu Arg Ile Gly Pro Gly
 80 85 90
 Lys Phe Glu Phe Gly Lys Asp Lys Tyr Asn His Trp Phe Asp Gly
 95 100 105
 Met Ala Leu Leu His Gln Phe Arg Met Ala Lys Gly Thr Val Thr
 110 115 120
 Tyr Arg Ser Lys Phe Leu Gln Ser Asp Thr Tyr Lys Ala Asn Ser
 125 130 135
 Ala Lys Asn Arg Ile Val Ile Ser Glu Phe Gly Thr Leu Ala Leu
 140 145 150
 Pro Asp Pro Cys Lys Asn Val Phe Glu Arg Phe Met Ser Arg Phe
 155 160 165

Glu Leu Pro Gly Lys Ala Ala Ala Met Thr Asp Asn Thr Asn Val
 170 175 180
 Asn Tyr Val Arg Tyr Lys Gly Asp Tyr Tyr Leu Cys Thr Glu Thr
 185 190 195
 Asn Phe Met Asn Lys Val Asp Ile Glu Thr Leu Glu Lys Thr Glu
 200 205 210
 Lys Val Asp Trp Ser Lys Phe Ile Ala Val Asn Gly Ala Thr Ala
 215 220 225
 His Pro His Tyr Asp Pro Asp Gly Thr Ala Tyr Asn Met Gly Asn
 230 235 240
 Ser Phe Gly Pro Tyr Gly Phe Ser Tyr Lys Val Ile Arg Val Pro
 245 250 255
 Pro Glu Lys Val Asp Leu Gly Glu Thr Ile His Gly Val Gln Val
 260 265 270
 Ile Cys Ser Ile Ala Ser Thr Glu Lys Gly Lys Pro Ser Tyr Tyr
 275 280 285
 His Ser Phe Gly Met Thr Arg Asn Tyr Ile Ile Phe Ile Glu Gln
 290 295 300
 Pro Leu Lys Met Asn Leu Trp Lys Ile Ala Thr Ser Lys Ile Arg
 305 310 315
 Gly Lys Ala Phe Ser Asp Gly Ile Ser Trp Glu Pro Gln Cys Asn
 320 325 330
 Thr Arg Phe His Val Val Glu Lys Arg Thr Gly Gln Leu Leu Pro
 335 340 345
 Gly Arg Tyr Tyr Ser Lys Pro Phe Val Thr Phe His Gln Ile Asn
 350 355 360
 Ala Phe Glu Asp Gln Gly Cys Val Ile Ile Asp Leu Cys Ser Gln
 365 370 375
 Asp Asn Gly Arg Thr Leu Glu Val Tyr Gln Leu Gln Asn Leu Arg
 380 385 390
 Lys Ala Gly Glu Gly Leu Asp Gln Val His Asn Ser Ala Ala Lys
 395 400 405
 Ser Phe Pro Arg Arg Phe Val Leu Pro Leu Asn Val Ser Leu Asn
 410 415 420
 Ala Pro Glu Gly Asp Asn Leu Ser Pro Leu Ser Tyr Thr Ser Ala
 425 430 435
 Ser Ala Val Lys Gln Ala Asp Gly Thr Ile Trp Cys Ser His Glu
 440 445 450
 Asn Leu His Gln Glu Asp Leu Glu Lys Glu Gly Gly Ile Glu Phe
 455 460 465
 Pro Gln Ile Tyr Tyr Asp Arg Phe Ser Gly Lys Lys Tyr His Phe
 470 475 480
 Phe Tyr Gly Cys Gly Phe Arg His Leu Val Gly Asp Ser Leu Ile
 485 490 495
 Lys Val Asp Val Val Asn Lys Thr Leu Lys Val Trp Arg Glu Asp
 500 505 510
 Gly Phe Tyr Pro Ser Glu Pro Val Phe Val Pro Ala Pro Gly Thr
 515 520 525
 Asn Glu Glu Asp Gly Gly Val Ile Leu Ser Val Val Ile Thr Pro
 530 535 540
 Asn Gln Asn Glu Ser Asn Phe Leu Leu Val Leu Asp Ala Lys Asn
 545 550 555
 Phe Glu Glu Leu Gly Arg Ala Glu Val Pro Val Gln Met Pro Tyr
 560 565 570
 Gly Phe His Gly Thr Phe Ile Pro Ile
 575

<210> 3

<211> 370

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1305513CD1

<400> 3

Met Ala Asn Tyr Ser His Ala Ala Asp Asn Ile Leu Gln Asn Leu			
1	5	10	15
Ser Pro Leu Thr Ala Phe Leu Lys Leu Thr Ser Leu Gly Phe Ile			
20	25	30	
Ile Gly Val Ser Val Val Gly Asn Leu Leu Ile Ser Ile Leu Leu			
35	40	45	
Val Lys Asp Lys Thr Leu His Arg Ala Pro Tyr Tyr Phe Leu Leu			
50	55	60	
Asp Leu Cys Cys Ser Asp Ile Leu Arg Ser Ala Ile Cys Phe Pro			
65	70	75	
Phe Val Phe Asn Ser Val Lys Asn Gly Ser Thr Trp Thr Tyr Gly			
80	85	90	
Thr Leu Thr Cys Lys Val Ile Ala Phe Leu Gly Val Leu Ser Cys			
95	100	105	
Phe His Thr Ala Phe Met Leu Phe Cys Ile Ser Val Thr Arg Tyr			
110	115	120	
Leu Ala Ile Ala His His Arg Phe Tyr Thr Lys Arg Leu Thr Phe			
125	130	135	
Trp Thr Cys Leu Ala Val Ile Cys Met Val Trp Thr Leu Ser Val			
140	145	150	
Ala Met Ala Phe Pro Pro Val Leu Asp Val Gly Thr Tyr Ser Phe			
155	160	165	
Ile Arg Glu Lys Asp Gln Cys Thr Phe Gln His Arg Ser Phe Arg			
170	175	180	
Ala Asn Asp Ser Leu Gly Phe Met Leu Leu Leu Ala Leu Ile Leu			
185	190	195	
Leu Ala Thr Gln Leu Val Tyr Leu Lys Leu Ile Phe Phe Val His			
200	205	210	
Asp Arg Arg Lys Met Lys Pro Val Gln Phe Val Ala Ala Val Ser			
215	220	225	
Gln Asn Trp Thr Phe His Gly Pro Gly Ala Ser Gly Gln Ala Ala			
230	235	240	
Ala Asn Trp Leu Ala Gly Phe Gly Arg Gly Pro Thr Pro Pro Thr			
245	250	255	
Leu Leu Gly Ile Arg Gln Asn Ala Asn Thr Thr Gly Arg Arg Arg			
260	265	270	
Leu Leu Val Leu Asp Glu Phe Lys Met Glu Lys Arg Ile Ser Arg			
275	280	285	
Met Phe Tyr Ile Met Thr Phe Leu Phe Leu Thr Leu Trp Gly Pro			
290	295	300	
Tyr Leu Val Ala Cys Tyr Trp Arg Val Phe Ala Arg Gly Pro Val			
305	310	315	
Val Pro Gly Gly Phe Leu Thr Ala Ala Val Trp Met Ser Phe Ala			
320	325	330	
Gln Ala Gly Ile Asn Pro Phe Val Cys Ile Phe Ser Asn Arg Glu			
335	340	345	
Leu Arg Arg Cys Phe Ser Thr Thr Leu Leu Tyr Cys Arg Lys Ser			
350	355	360	
Arg Leu Pro Arg Glu Pro Tyr Cys Val Ile			
365	370		

<210> 4

<211> 267

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1876283CD1

<400> 4

Met Ala Pro Trp Ala Leu Leu Ser Pro Gly Val Leu Val Arg Thr			
1	5	10	15
Gly His Thr Val Leu Thr Trp Gly Ile Thr Leu Val Leu Phe Leu			

20	25	30
His Asp Thr Glu Leu Arg Gln Trp Glu Glu Gln Gly Glu Leu Leu		
35	40	45
Leu Pro Leu Thr Phe Leu Leu Leu Val Leu Gly Ser Leu Leu Leu		
50	55	60
Tyr Leu Ala Val Ser Leu Met Asp Pro Gly Tyr Val Asn Val Gln		
65	70	75
Pro Gln Pro Gln Glu Glu Leu Lys Glu Glu Gln Thr Ala Met Val		
80	85	90
Pro Pro Ala Ile Pro Leu Arg Arg Cys Arg Tyr Cys Leu Val Leu		
95	100	105
Gln Pro Leu Arg Ala Arg His Cys Arg Glu Cys Arg Arg Cys Val		
110	115	120
Arg Arg Tyr Asp His His Cys Pro Trp Met Glu Asn Cys Val Gly		
125	130	135
Glu Arg Asn His Pro Leu Phe Val Val Tyr Leu Ala Leu Gln Leu		
140	145	150
Val Val Leu Leu Trp Gly Leu Tyr Leu Ala Trp Ser Gly Leu Arg		
155	160	165
Phe Phe Gln Pro Trp Gly Leu Trp Leu Arg Ser Ser Gly Leu Leu		
170	175	180
Phe Ala Thr Phe Leu Leu Leu Ser Leu Phe Ser Leu Val Ala Ser		
185	190	195
Leu Leu Leu Val Ser His Leu Tyr Leu Val Ala Ser Asn Thr Thr		
200	205	210
Thr Trp Glu Phe Ile Ser Ser His Arg Ile Ala Tyr Leu Arg Gln		
215	220	225
Arg Pro Ser Asn Pro Phe Asp Arg Gly Leu Thr Arg Asn Leu Ala		
230	235	240
His Phe Phe Cys Gly Trp Pro Ser Gly Ser Trp Glu Thr Leu Trp		
245	250	255
Ala Glu Glu Glu Glu Glu Gly Ser Ser Pro Ala Val		
260	265	

<210> 5

<211> 951

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2470285CD1

<400> 5

Met Pro Gly Pro Leu Gly Leu Leu Cys Phe Leu Ala Leu Gly Leu			
1	5	10	15
Leu Gly Ser Ala Gly Pro Ser Gly Ala Ala Pro Pro Leu Cys Ala			
20	25	30	
Ala Pro Cys Ser Cys Asp Gly Asp Arg Arg Val Asp Cys Ser Gly			
35	40	45	
Lys Gly Leu Thr Ala Val Pro Glu Gly Leu Ser Ala Phe Thr Gln			
50	55	60	
Ala Leu Asp Ile Ser Met Asn Asn Ile Thr Gln Leu Pro Glu Asp			
65	70	75	
Ala Phe Lys Asn Phe Pro Phe Leu Glu Glu Leu Gln Leu Ala Gly			
80	85	90	
Asn Asp Leu Ser Phe Ile His Pro Lys Ala Leu Ser Gly Leu Lys			
95	100	105	
Glu Leu Lys Val Leu Thr Leu Gln Asn Asn Gln Leu Lys Thr Val			
110	115	120	
Pro Ser Glu Ala Ile Arg Gly Leu Ser Ala Leu Gln Ser Leu Arg			
125	130	135	
Leu Asp Ala Asn His Ile Thr Ser Val Pro Glu Asp Ser Phe Glu			
140	145	150	
Gly Leu Val Gln Leu Arg His Leu Trp Leu Asp Asp Asn Ser Leu			

	155	160	165
Thr Glu Val Pro Val His Pro Leu Ser Asn Leu Pro Thr Leu Gln			
170	175	180	
Ala Leu Thr Leu Ala Leu Asn Lys Ile Ser Ser Ile Pro Asp Phe			
185	190	195	
Ala Phe Thr Asn Leu Ser Ser Leu Val Val Leu His Leu His Asn			
200	205	210	
Asn Lys Ile Arg Ser Leu Ser Gln His Cys Phe Asp Gly Leu Asp			
215	220	225	
Asn Leu Glu Thr Leu Asp Leu Asn Tyr Asn Asn Leu Gly Glu Phe			
230	235	240	
Pro Gln Ala Ile Lys Ala Leu Pro Ser Leu Lys Glu Leu Gly Phe			
245	250	255	
His Ser Asn Ser Ile Ser Val Ile Pro Asp Gly Ala Phe Asp Gly			
260	265	270	
Asn Pro Leu Leu Arg Thr Ile His Leu Tyr Asp Asn Pro Leu Ser			
275	280	285	
Phe Val Gly Asn Ser Ala Phe His Asn Leu Ser Asp Leu His Ser			
290	295	300	
Leu Val Ile Arg Gly Ala Ser Met Val Gln Gln Phe Pro Asn Leu			
305	310	315	
Thr Gly Thr Val His Leu Glu Ser Leu Thr Leu Thr Gly Thr Lys			
320	325	330	
Ile Ser Ser Ile Pro Asn Asn Leu Cys Gln Glu Gln Lys Met Leu			
335	340	345	
Arg Thr Leu Asp Leu Ser Tyr Asn Asn Ile Arg Asp Leu Pro Ser			
350	355	360	
Phe Asn Gly Cys His Ala Leu Glu Glu Ile Ser Leu Gln Arg Asn			
365	370	375	
Gln Ile Tyr Gln Ile Lys Glu Gly Thr Phe Gln Gly Leu Ile Ser			
380	385	390	
Leu Arg Ile Leu Asp Leu Ser Arg Asn Leu Ile His Glu Ile His			
395	400	405	
Ser Arg Ala Phe Ala Thr Leu Gly Pro Ile Thr Asn Leu Asp Val			
410	415	420	
Ser Phe Asn Glu Leu Thr Ser Phe Pro Thr Glu Gly Leu Asn Gly			
425	430	435	
Leu Asn Gln Leu Lys Leu Val Gly Asn Phe Lys Leu Lys Glu Ala			
440	445	450	
Leu Ala Ala Lys Asp Phe Val Asn Leu Arg Ser Leu Ser Val Pro			
455	460	465	
Tyr Ala Tyr Gln Cys Cys Ala Phe Trp Gly Cys Asp Ser Tyr Ala			
470	475	480	
Asn Leu Asn Thr Glu Asp Asn Ser Leu Gln Asp His Ser Val Ala			
485	490	495	
Gln Glu Lys Gly Thr Ala Asp Ala Ala Asn Val Thr Ser Thr Leu			
500	505	510	
Glu Asn Glu Glu His Ser Gln Ile Ile Ile His Cys Thr Pro Ser			
515	520	525	
Thr Gly Ala Phe Lys Pro Cys Glu Tyr Leu Leu Gly Ser Trp Met			
530	535	540	
Ile Arg Leu Thr Val Trp Phe Ile Phe Leu Val Ala Leu Phe Phe			
545	550	555	
Asn Leu Leu Val Ile Leu Thr Thr Phe Ala Ser Cys Thr Ser Leu			
560	565	570	
Pro Ser Ser Lys Leu Phe Ile Gly Leu Ile Ser Val Ser Asn Leu			
575	580	585	
Phe Met Gly Ile Tyr Thr Gly Ile Leu Thr Phe Leu Asp Ala Val			
590	595	600	
Ser Trp Gly Arg Phe Ala Glu Phe Gly Ile Trp Trp Glu Thr Gly			
605	610	615	
Ser Gly Cys Lys Val Ala Gly Phe Leu Ala Val Phe Ser Ser Glu			
620	625	630	
Ser Ala Ile Phe Leu Leu Met Leu Ala Thr Val Glu Arg Ser Leu			

635 640 645
 Ser Ala Lys Asp Ile Met Lys Asn Gly Lys Ser Asn His Leu Lys
 650 655 660
 Gln Phe Arg Val Ala Ala Leu Leu Ala Phe Leu Gly Ala Thr Val
 665 670 675
 Ala Gly Cys Phe Pro Leu Phe His Arg Gly Glu Tyr Ser Ala Ser
 680 685 690
 Pro Leu Cys Leu Pro Phe Pro Thr Gly Glu Thr Pro Ser Leu Gly
 695 700 705
 Phe Thr Val Thr Leu Val Leu Leu Asn Ser Leu Ala Phe Leu Leu
 710 715 720
 Met Ala Val Ile Tyr Thr Lys Leu Tyr Cys Asn Leu Glu Lys Glu
 725 730 735
 Asp Leu Ser Glu Asn Ser Gln Ser Ser Met Ile Lys His Val Ala
 740 745 750
 Trp Leu Ile Phe Thr Asn Cys Ile Phe Phe Cys Pro Val Ala Phe
 755 760 765
 Phe Ser Phe Ala Pro Leu Ile Thr Ala Ile Ser Ile Ser Pro Glu
 770 775 780
 Ile Met Lys Ser Val Thr Leu Ile Phe Phe Pro Leu Pro Ala Cys
 785 790 795
 Leu Asn Pro Val Leu Tyr Val Phe Phe Asn Pro Lys Phe Lys Glu
 800 805 810
 Asp Trp Lys Leu Leu Lys Arg Arg Val Thr Lys Lys Ser Gly Ser
 815 820 825
 Val Ser Val Ser Ile Ser Ser Gln Gly Gly Cys Leu Glu Gln Asp
 830 835 840
 Phe Tyr Tyr Asp Cys Gly Met Tyr Ser His Leu Gln Gly Asn Leu
 845 850 855
 Thr Val Cys Asp Cys Cys Glu Ser Phe Leu Leu Thr Lys Pro Val
 860 865 870
 Ser Cys Lys His Leu Ile Lys Ser His Ser Cys Pro Ala Leu Ala
 875 880 885
 Val Ala Ser Cys Gln Arg Pro Glu Gly Tyr Trp Ser Asp Cys Gly
 890 895 900
 Thr Gln Ser Ala His Ser Asp Tyr Ala Asp Glu Glu Asp Ser Phe
 905 910 915
 Val Ser Asp Ser Ser Asp Gln Val Gln Ala Cys Gly Arg Ala Cys
 920 925 930
 Phe Tyr Gln Ser Arg Gly Phe Pro Leu Val Arg Tyr Ala Tyr Asn
 935 940 945
 Leu Pro Arg Val Lys Asp
 950
<210> 6
<211> 413
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 2925789CD1

<400> 6
Met Gly Thr Phe Cys Ser Val Ile Lys Phe Glu Asn Leu Gln Glu
 1 5 10 15
Leu Lys Arg Leu Cys His Trp Gly Pro Ile Ile Ala Leu Gly Val
 20 25 30
Ile Ala Ile Cys Ser Thr Met Ala Met Ile Asp Ser Val Leu Trp
 35 40 45
Tyr Trp Pro Leu His Thr Thr Gly Gly Ser Val Asn Phe Ile Met
 50 55 60
Leu Ile Asn Trp Thr Val Met Ile Leu Tyr Asn Tyr Phe Asn Ala
 65 70 75
Met Phe Val Gly Pro Gly Phe Val Pro Leu Gly Trp Lys Pro Glu

	80	85	90
Ile Ser Gln Asp Thr Met Tyr Leu Gln Tyr Cys Lys Val Cys Gln			
95	100	105	
Ala Tyr Lys Ala Pro Arg Ser His His Cys Arg Lys Cys Asn Arg			
110	115	120	
Cys Val Met Lys Met Asp His His Cys Pro Trp Ile Asn Asn Cys			
125	130	135	
Cys Gly Tyr Gln Asn His Ala Ser Phe Thr Leu Phe Leu Leu			
140	145	150	
Ala Pro Leu Gly Cys Ile His Ala Ala Phe Ile Phe Val Met Thr			
155	160	165	
Met Tyr Thr Gln Leu Tyr His Arg Leu Ser Phe Gly Trp Asn Thr			
170	175	180	
Val Lys Ile Asp Met Ser Ala Ala Arg Arg Asp Pro Leu Pro Ile			
185	190	195	
Val Pro Phe Gly Leu Ala Ala Phe Ala Thr Thr Leu Phe Ala Leu			
200	205	210	
Gly Leu Ala Leu Gly Thr Thr Ile Ala Val Gly Met Leu Phe Phe			
215	220	225	
Ile Gln Met Lys Ile Ile Leu Arg Asn Lys Thr Ser Ile Glu Ser			
230	235	240	
Trp Ile Glu Glu Lys Ala Lys Asp Arg Ile Gln Tyr Tyr Gln Leu			
245	250	255	
Asp Glu Val Phe Val Phe Pro Tyr Asp Met Gly Ser Arg Trp Arg			
260	265	270	
Asn Phe Lys Gln Val Phe Thr Trp Ser Gly Val Pro Glu Gly Asp			
275	280	285	
Gly Leu Glu Trp Pro Val Arg Glu Gly Cys His Gln Tyr Ser Leu			
290	295	300	
Thr Ile Glu Gln Leu Lys Gln Lys Ala Asp Lys Arg Val Arg Ser			
305	310	315	
Val Arg Tyr Lys Val Ile Glu Asp Tyr Ser Gly Ala Cys Cys Pro			
320	325	330	
Leu Asn Lys Gly Ile Lys Thr Phe Phe Thr Ser Pro Cys Thr Glu			
335	340	345	
Glu Pro Arg Ile Gln Leu Gln Lys Gly Glu Phe Ile Leu Ala Thr			
350	355	360	
Arg Gly Leu Arg Tyr Trp Leu Tyr Gly Asp Lys Ile Leu Asp Asp			
365	370	375	
Ser Phe Ile Glu Gly Val Ser Arg Ile Arg Gly Trp Phe Pro Arg			
380	385	390	
Lys Cys Val Glu Lys Cys Pro Cys Asp Ala Glu Thr Asp Gln Ala			
395	400	405	
Pro Glu Gly Glu Lys Lys Asn Arg			
410			

<210> 7
<211> 144
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 3099990CD1

<400> 7
Met Lys Gly Lys Ala Arg Lys Leu Phe Tyr Lys Ala Ile Val Arg
1 5 10 15
Gly Glu Glu Thr Leu Arg Val Gly Asp Cys Ala Val Phe Leu Ser
20 25 30
Ala Gly Arg Pro Asn Leu Pro Tyr Ile Gly Arg Ile Glu Ser Met
35 40 45
Trp Glu Ser Trp Gly Ser Asn Met Val Val Lys Val Lys Trp Phe
50 55 60
Tyr His Pro Glu Glu Thr Lys Leu Gly Lys Arg Gln Cys Asp Gly

65	70	75
Lys Asn Ala Leu Tyr Gln Ser Cys His Glu Asp Glu Asn Asp Val		
80	85	90
Gln Thr Ile Ser His Lys Cys Gln Val Val Ala Arg Glu Gln Tyr		
95	100	105
Glu Gln Met Ala Arg Ser Arg Lys Cys Gln Asp Arg Gln Asp Leu		
110	115	120
Tyr Tyr Leu Ala Gly Thr Tyr Asp Pro Thr Thr Gly Arg Leu Val		
125	130	135
Thr Ala Asp Gly Val Pro Ile Leu Cys		
140		

<210> 8
<211> 174
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 103561CD1

400> 8			
Met Ala Pro Pro Val Arg Leu Glu Arg Pro Phe Pro Ser Arg Arg			
1	5	10	15
Phe Pro Gly Leu Leu Leu Ala Ala Leu Val Leu Leu Leu Ser Ser			
20	25	30	
Phe Ser Asp Gln Cys Asn Val Pro Glu Trp Leu Pro Phe Ala Arg			
35	40	45	
Pro Thr Asn Leu Thr Asp Asp Phe Glu Phe Pro Ile Gly Thr Tyr			
50	55	60	
Leu Asn Tyr Glu Cys Arg Pro Gly Tyr Ser Gly Arg Pro Phe Ser			
65	70	75	
Ile Ile Cys Leu Lys Asn Ser Val Trp Thr Ser Ala Lys Asp Lys			
80	85	90	
Cys Lys Arg Lys Ser Cys Arg Asn Pro Pro Asp Pro Val Asn Gly			
95	100	105	
Met Ala His Val Ile Lys Asp Ile Gln Phe Gly Ser Gln Ile Lys			
110	115	120	
Tyr Ser Cys Pro Lys Gly Tyr Arg Leu Ile Gly Ser Ser Ser Ala			
125	130	135	
Thr Cys Ile Ile Ser Gly Asn Thr Val Ile Trp Asp Asn Lys Thr			
140	145	150	
Pro Val Cys Asp Ser Glu Leu Lys Tyr Ala Phe Leu Phe Leu Leu			
155	160	165	
Pro Ile His Ser Asn Phe Ser Leu Glu			
170			

<210> 9
<211> 449
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 288709CD1

400> 9			
Met Gln Leu Asp Trp Asn Gln Ala Gln Lys Ser Gly Asp Pro Gly			
1	5	10	15
Pro Ser Val Val Gly Leu Val Ser Ile Pro Gly Met Gly Lys Leu			
20	25	30	
Leu Ala Glu Ala Pro Leu Val Leu Glu Pro Glu Lys Gln Met Leu			
35	40	45	
Leu His Glu Thr His Gln Gly Leu Leu Gln Asp Gly Ser Pro Ile			
50	55	60	
Leu Leu Ser Asp Val Ile Ser Ala Phe Leu Ser Asn Asn Asp Thr			

65	70	75
Gln Asn Leu Ser Ser Pro Val Thr Phe	Thr Phe Ser His Arg Ser	
80	85	90
Val Ile Pro Arg Gln Lys Val Leu Cys	Val Phe Trp Glu His Gly	
95	100	105
Gln Asn Gly Cys Gly His Trp Ala Thr	Thr Gly Cys Ser Thr Ile	
110	115	120
Gly Thr Arg Asp Thr Ser Thr Ile Cys	Arg Cys Thr His Leu Ser	
125	130	135
Ser Phe Ala Val Leu Met Ala His Tyr	Asp Val Gln Glu Glu Asp	
140	145	150
Pro Val Leu Thr Val Ile Thr Tyr Met	Gly Leu Ser Val Ser Leu	
155	160	165
Leu Cys Leu Leu Leu Ala Ala Leu Thr	Phe Leu Leu Cys Lys Ala	
170	175	180
Ile Gln Asn Thr Ser Thr Ser Leu His	Leu Gln Leu Ser Leu Cys	
185	190	195
Leu Phe Leu Ala His Leu Leu Phe Leu	Val Gly Ile Asp Arg Thr	
200	205	210
Glu Pro Lys Val Leu Cys Ser Ile Ile	Ala Gly Ala Leu His Tyr	
215	220	225
Leu Tyr Leu Ala Ala Phe Thr Trp Met	Leu Leu Glu Gly Val His	
230	235	240
Leu Phe Leu Thr Ala Arg Asn Leu Thr	Val Val Asn Tyr Ser Ser	
245	250	255
Ile Asn Arg Leu Met Lys Trp Ile Met	Phe Pro Val Gly Tyr Gly	
260	265	270
Val Pro Ala Val Thr Val Ala Ile Ser	Ala Ala Ser Trp Pro His	
275	280	285
Leu Tyr Gly Thr Ala Asp Arg Cys Trp	Leu His Leu Asp Gln Gly	
290	295	300
Phe Met Trp Ser Phe Leu Gly Pro Val	Cys Ala Ile Phe Ser Ala	
305	310	315
Asn Leu Val Leu Phe Ile Leu Val Phe	Trp Ile Leu Lys Arg Lys	
320	325	330
Leu Ser Ser Leu Asn Ser Glu Val Ser	Thr Ile Gln Asn Thr Arg	
335	340	345
Met Leu Ala Phe Lys Ala Thr Ala Gln	Leu Phe Ile Leu Gly Cys	
350	355	360
Thr Trp Cys Leu Gly Leu Leu Gln Val	Gly Pro Ala Ala Gln Val	
365	370	375
Met Ala Tyr Leu Phe Thr Ile Ile Asn	Ser Leu Gln Gly Phe Phe	
380	385	390
Ile Phe Leu Val Tyr Cys Leu Leu Ser	Gln Gln Val Gln Lys Gln	
395	400	405
Tyr Gln Lys Trp Phe Arg Glu Ile Val	Lys Ser Lys Ser Glu Ser	
410	415	420
Glu Thr Tyr Thr Leu Ser Ser Lys Met	Gly Pro Asp Ser Lys Pro	
425	430	435
Ser Glu Gly Asp Val Phe Pro Gly Gln	Val Lys Arg Lys Tyr	
440	445	

<210> 10

<211> 126

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 959893CD1

<400> 10

Met Glu Ser Phe Leu Gly Gly Val Leu	Leu Ile Leu Trp Leu Gln		
1	5	10	15
Val Asp Trp Val Lys Ser Gln Lys Ile	Glu Gln Asn Ser Glu Ala		

	20	25	30
Leu Asn Ile Gln Glu	Gly Lys Thr Ala	Thr Leu Thr Cys Asn	Tyr
35	40	45	
Thr Asn Tyr Ser Pro	Ala Tyr Leu Gln Trp	Tyr Arg Gln Asp	Pro
50	55	60	
Gly Arg Gly Pro Val	Phe Leu Leu Leu	Ile Arg Glu Asn Glu	Lys
65	70	75	
Glu Lys Arg Lys Glu	Arg Leu Lys Val	Thr Phe Asp Thr Thr	Leu
80	85	90	
Lys Gln Ser Leu Phe	His Ile Thr Ala Ser	Gln Pro Ala Asp	Ser
95	100	105	
Ala Asn Tyr Leu Cys	Ala Leu Gly	Arg Gly Thr Asn Ser	Pro
110	115	120	
Leu Gly Gln Ala	Leu Ser		
125			

<210> 11

<211> 273

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1414179CD1

<400> 11

Met Gly Arg Ser Arg	Ser Arg Ser Ser	Ser Arg Ser Lys His Thr	
1	5	10	15
Lys Ser Ser Lys His	Asn Lys Lys Arg	Ser Arg Ser Arg Ser Arg	
20	25	30	
Ser Arg Asp Lys Glu	Arg Val Arg Lys Arg	Ser Lys Ser Arg Glu	
35	40	45	
Ser Lys Arg Asn Arg	Arg Arg Glu Ser Arg	Ser Arg Ser Arg Ser	
50	55	60	
Thr Asn Thr Ala Val	Ser Arg Arg Glu Arg	Asp Arg Glu Arg Ala	
65	70	75	
Ser Ser Pro Pro Asp	Arg Ile Asp Ile	Phe Gly Arg Thr Val Ser	
80	85	90	
Lys Arg Ser Ser Leu	Asp Glu Lys Gln	Lys Arg Glu Glu Glu	
95	100	105	
Lys Lys Ala Glu	Phe Glu Arg Gln Arg	Lys Ile Arg Gln Gln	
110	115	120	
Ile Glu Glu Lys Leu	Ile Glu Glu Glu	Thr Ala Arg Arg Val	
125	130	135	
Glu Leu Val Ala	Lys Arg Val Glu Glu	Glu Leu Glu Lys Arg	
140	145	150	
Asp Glu Ile Glu Arg	Glu Val Leu Arg	Arg Val Glu Glu Ala	
155	160	165	
Arg Ile Met Glu	Lys Gln Leu Leu Glu	Glu Leu Glu Arg Gln	
170	175	180	
Gln Ala Glu Leu	Ala Ala Gln Lys Ala	Arg Glu Glu Glu Arg	
185	190	195	
Ala Lys Arg Glu	Glu Leu Glu Arg Ile	Leu Glu Asn Asn Arg	
200	205	210	
Lys Ile Ala Glu	Ala Gln Ala Lys Leu	Ala Glu Glu Gln Leu	
215	220	225	
Ile Val Glu Glu	Gln Arg Lys Ile His	Glu Glu Arg Met Lys	
230	235	240	
Glu Gln Glu Arg	Gln Arg Gln Gln Lys	Glu Glu Gln Lys Ile	
245	250	255	
Leu Gly Lys Gly	Lys Ser Arg Pro Lys	Leu Ser Phe Ser Leu	
260	265	270	
Thr Gln Asp			

<210> 12

<211> 140
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 2197211CD1

<400> 12
Met Glu Lys Met Leu Glu Cys Ala Phe Ile Val Leu Trp Leu Gln
1 5 10 15
Leu Gly Trp Leu Ser Gly Glu Asp Gln Val Thr Gln Ser Pro Glu
20 25 30
Ala Leu Arg Leu Gln Glu Gly Glu Ser Ser Ser Leu Asn Cys Ser
35 40 45
Tyr Thr Val Ser Gly Leu Arg Gly Leu Phe Trp Tyr Arg Gln Asp
50 55 60
Pro Gly Lys Gly Pro Glu Phe Leu Phe Thr Leu Tyr Ser Ala Gly
65 70 75
Glu Glu Lys Glu Lys Glu Arg Leu Lys Ala Thr Leu Thr Lys Lys
80 85 90
Glu Ser Phe Leu His Ile Thr Ala Pro Lys Pro Glu Asp Ser Ala
95 100 105
Ser Tyr Leu Cys Ala Val Gln Gly Gly Ile Gly Asn Val Leu His
110 115 120
Cys Gly Ser Gly Thr Gln Val Val Val Leu Pro His Ile Arg Asp
125 130 135
Pro Gly Pro Ala Val
140

<210> 13
<211> 479
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 2263653CD1

<400> 13
Met Ala Val Leu Gly Val Gln Leu Val Val Thr Leu Leu Thr Ala
1 5 10 15
Thr Leu Met His Arg Leu Ala Pro His Cys Ser Phe Ala Arg Trp
20 25 30
Leu Leu Cys Asn Gly Ser Leu Phe Arg Tyr Lys His Pro Ser Glu
35 40 45
Glu Glu Leu Arg Ala Leu Ala Gly Lys Pro Arg Pro Arg Gly Arg
50 55 60
Lys Glu Arg Trp Ala Asn Gly Leu Ser Glu Glu Lys Pro Leu Ser
65 70 75
Val Pro Arg Asp Ala Pro Phe Gln Leu Glu Thr Cys Pro Leu Thr
80 85 90
Thr Val Asp Ala Leu Val Leu Arg Phe Phe Leu Glu Tyr Gln Trp
95 100 105
Phe Val Asp Phe Ala Val Tyr Ser Gly Gly Val Tyr Leu Phe Thr
110 115 120
Glu Ala Tyr Tyr Tyr Met Leu Gly Pro Ala Lys Glu Thr Asn Ile
125 130 135
Ala Val Phe Trp Cys Leu Leu Thr Val Thr Phe Ser Ile Lys Met
140 145 150
Phe Leu Thr Val Thr Arg Leu Tyr Phe Ser Ala Glu Glu Gly Gly
155 160 165
Glu Arg Ser Val Cys Leu Thr Phe Ala Phe Leu Phe Leu Leu Leu
170 175 180
Ala Met Leu Val Gln Val Val Arg Glu Glu Thr Leu Glu Leu Gly

185	190	195
Leu Glu Pro Gly	Leu Ala Ser Met Thr	Gln Asn Leu Glu Pro
200	205	Leu
Leu Lys Lys Gln	Gly Trp Asp Trp Ala	Leu Pro Val Ala Lys
215	220	Leu
Ala Ile Arg Val	Gly Leu Ala Val Val	Gly Ser Val Leu Gly
230	235	Ala
Phe Leu Thr Phe	Pro Gly Leu Arg Leu	Ala Gln Thr His Arg
245	250	Asp
Ala Leu Thr Met	Ser Glu Asp Arg Pro	Met Leu Gln Phe Leu
260	265	Leu
His Thr Ser Phe	Leu Ser Pro Leu Phe	Ile Leu Trp Leu Trp
275	280	Thr
Lys Pro Ile Ala	Arg Asp Phe Leu His	Gln Pro Pro Phe Gly
290	295	Glu
Thr Arg Phe Ser	Leu Leu Ser Asp Ser	Ala Phe Asp Ser Gly
305	310	Arg
Leu Trp Leu Leu	Val Val Leu Cys Leu	Leu Arg Leu Ala Val
320	325	Thr
Arg Pro His Leu	Gln Ala Tyr Leu Cys	Leu Ala Lys Ala Arg
335	340	Val
Glu Gln Leu Arg	Arg Glu Ala Gly Arg	Ile Glu Ala Arg Glu
350	355	Ile
Gln Gln Arg Val	Val Arg Val Tyr Cys	Tyr Val Thr Val Val
365	370	Ser
Leu Gln Tyr Leu	Thr Pro Leu Ile Leu	Thr Leu Asn Cys Thr
380	385	Leu
Leu Leu Lys Thr	Leu Gly Gly Tyr Ser	Trp Gly Leu Gly Pro
395	400	Ala
Pro Leu Leu Ser	Pro Asp Pro Ser Ser	Ala Ser Ala Ala Pro
410	415	Ile
Gly Ser Gly Glu	Asp Glu Val Gln Gln	420
425	430	420
Gly Ala Leu Gly	Gly Leu Leu Thr Pro	Ala Ala Arg Ile
440	445	Ala
Leu Ala Tyr Leu	Ile Trp Trp Thr Ala	Leu Phe Leu Arg Gly
455	460	Val
Ser Leu Phe Gly	Leu Tyr Phe His Gln	Leu Cys Gln Leu Leu
470	475	Ala

<210> 14

<211> 99

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2504590CD1

<400> 14

Met Pro Arg Leu Lys Asp Pro Phe Phe Cys	Tyr Gln Met Glu Ser	15
1	5	10
His Cys Val Pro Arg Leu Glu Cys Ser Gly	Ala Ile Ser Thr His	30
20	25	
Cys Lys Leu Cys Leu Pro Gly Ser Arg His	Ser Pro Ala Ser Gly	45
35	40	
Ser Arg Val Ala Gly Thr Thr Gly Ala Arg His	His Ser Trp Leu	60
50	55	
Ile Leu Phe Val Phe Ser Val Glu Thr Gly	Tyr His His Val Ser	75
65	70	
Gln Asp Gly Leu Asp Leu Pro Asp Leu Val	Ile Arg Pro Pro Gln	90
80	85	
Ser Pro Lys Val Leu Gly Leu Gln Ala		
95		

<210> 15

<211> 349
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 2529619CD1

<400> 15
Met Ser Ser Glu Met Val Lys Asn Gln Thr Met Val Thr Glu Phe
1 5 10 15
Leu Leu Leu Gly Phe Leu Leu Gly Pro Arg Ile Gln Met Leu Leu
20 25 30
Phe Gly Leu Phe Ser Leu Phe Tyr Val Phe Thr Leu Leu Gly Asn
35 40 45
Gly Thr Ile Leu Gly Leu Ile Ser Leu Asp Ser Arg Leu His Thr
50 55 60
Pro Met Tyr Phe Phe Leu Ser His Leu Ala Val Val Asn Ile Ala
65 70 75
Tyr Ala Cys Asn Thr Val Pro Gln Met Leu Val Asn Leu Leu His
80 85 90
Pro Ala Lys Pro Ile Ser Phe Ala Gly Cys Met Thr Thr Thr Phe
95 100 105
Leu Phe Leu Ser Phe Ala His Thr Glu Cys Leu Leu Leu Val Leu
110 115 120
Met Ser Tyr Asp Arg Tyr Val Ala Ile Cys His Pro Leu Arg Tyr
125 130 135
Phè Ile Ile Met Thr Trp Lys Val Cys Ile Thr Leu Ala Ile Thr
140 145 150
Ser Trp Thr Cys Gly Ser Leu Leu Ala Met Val His Val Ser Leu
155 160 165
Ile Leu Arg Leu Pro Phe Cys Gly Pro Arg Glu Ile Asn His Phe
170 175 180
Phe Cys Glu Ile Leu Ser Val Leu Arg Leu Ala Cys Ala Asp Thr
185 190 195
Trp Leu Asn Gln Val Val Ile Phe Ala Ala Cys Met Phe Ile Leu
200 205 210
Val Gly Pro Leu Cys Leu Val Leu Val Ser Tyr Ser His Ile Leu
215 220 225
Ala Ala Ile Leu Arg Ile Gln Ser Gly Glu Gly Arg Arg Lys Ala
230 235 240
Phe Ser Thr Cys Ser Ser His Leu Cys Val Val Gly Leu Phe Phe
245 250 255
Gly Ser Ala Ile Val Met Tyr Met Ala Pro Lys Ser Arg His Pro
260 265 270
Glu Glu Gln Lys Val Leu Phe Leu Phe Tyr Ser Ser Phe Asn
275 280 285
Pro Met Leu Asn Pro Leu Ile Tyr Asn Leu Arg Asn Val Glu Val
290 295 300
Arg Cys Pro Glu Glu Ser Thr Val Gln Glu Lys Ser Phe Leu Arg
305 310 315
Gly Val Thr Phe Glu Leu Pro Ala Ser Val Val Thr Trp Thr Leu
320 325 330
Asp Ala Gln Leu Leu Pro Gln Ser Arg Lys Val Tyr Phe Ser Leu
335 340 345
Ser Val Leu Tyr

<210> 16
<211> 373
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature

<223> Incyte ID No: 5467661CD1

<400> 16

Met	Asp	Thr	Leu	Glu	Glu	Val	Thr	Trp	Ala	Asn	Gly	Ser	Thr	Ala
1				5					10					15
Leu	Pro	Pro	Pro	Leu	Ala	Pro	Asn	Ile	Ser	Val	Pro	His	Arg	Cys
					20				25					30
Leu	Leu	Leu	Leu	Tyr	Glu	Asp	Ile	Gly	Thr	Ser	Arg	Val	Arg	Tyr
					35				40					45
Trp	Asp	Leu	Leu	Leu	Ile	Pro	Asn	Val	Leu	Phe	Leu	Ile	Phe	
					50				55					60
Leu	Leu	Trp	Lys	Leu	Pro	Ser	Ala	Arg	Ala	Lys	Ile	Arg	Ile	Thr
					65				70					75
Ser	Ser	Pro	Ile	Phe	Ile	Thr	Phe	Tyr	Ile	Leu	Val	Phe	Val	Val
					80				85					90
Ala	Leu	Val	Gly	Ile	Ala	Arg	Ala	Val	Val	Ser	Met	Thr	Val	Ser
					95				100					105
Thr	Ser	Asn	Ala	Ala	Thr	Val	Ala	Asp	Lys	Ile	Leu	Trp	Glu	Ile
					110				115					120
Thr	Arg	Phe	Phe	Leu	Leu	Ala	Ile	Glu	Leu	Ser	Val	Ile	Ile	Leu
					125				130					135
Gly	Leu	Ala	Phe	Gly	His	Leu	Glu	Ser	Lys	Ser	Ser	Ile	Lys	Arg
					140				145					150
Val	Leu	Ala	Ile	Thr	Thr	Val	Leu	Ser	Leu	Ala	Tyr	Ser	Val	Thr
					155				160					165
Gln	Gly	Thr	Leu	Glu	Ile	Leu	Tyr	Pro	Asp	Ala	His	Leu	Ser	Ala
					170				175					180
Glu	Asp	Phe	Asn	Ile	Tyr	Gly	His	Gly	Gly	Arg	Gln	Phe	Trp	Leu
					185				190					195
Val	Ser	Ser	Cys	Phe	Phe	Phe	Leu	Val	Tyr	Ser	Leu	Val	Val	Ile
					200				205					210
Leu	Pro	Lys	Thr	Pro	Leu	Lys	Glu	Arg	Ile	Ser	Leu	Pro	Ser	Arg
					215				220					225
Arg	Ser	Phe	Tyr	Val	Tyr	Ala	Gly	Ile	Leu	Ala	Leu	Leu	Asn	Leu
					230				235					240
Leu	Gln	Gly	Leu	Gly	Ser	Val	Leu	Leu	Cys	Phe	Asp	Ile	Ile	Glu
					245				250					255
Gly	Leu	Cys	Cys	Val	Asp	Ala	Thr	Thr	Phe	Leu	Tyr	Phe	Ser	Phe
					260				265					270
Phe	Ala	Pro	Leu	Ile	Tyr	Val	Ala	Phe	Leu	Arg	Gly	Phe	Phe	Gly
					275				280					285
Ser	Glu	Pro	Lys	Ile	Leu	Phe	Ser	Tyr	Lys	Cys	Gln	Val	Asp	Glu
					290				295					300
Thr	Glu	Glu	Pro	Asp	Val	His	Leu	Pro	Gln	Pro	Tyr	Ala	Val	Ala
					305				310					315
Arg	Arg	Glu	Gly	Leu	Glu	Ala	Ala	Gly	Ala	Ala	Gly	Ala	Ser	Ala
					320				325					330
Ala	Ser	Tyr	Ser	Ser	Thr	Gln	Phe	Asp	Ser	Ala	Gly	Gly	Val	Ala
					335				340					345
Tyr	Leu	Asp	Asp	Ile	Ala	Ser	Met	Pro	Cys	His	Thr	Gly	Ser	Ile
					350				355					360
Asn	Ser	Thr	Asp	Ser	Glu	Arg	Trp	Lys	Ala	Ile	Asn	Ala		
					365				370					

<210> 17

<211> 353

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 229740CD1

<400> 17

Met Leu Lys Met Met Glu Val Tyr Lys Glu Pro Arg Glu Gln Pro

1 5 10 15
 Ile Phe Thr Thr Arg Ala His Val Phe Gln Ile Asp Pro Asn Thr
 20 25 30
 Lys Lys Asn Trp Met Pro Ala Ser Lys Gln Ala Val Thr Val Ser
 35 40 45
 Tyr Phe Tyr Asp Val Thr Arg Asn Ser Tyr Arg Ile Ile Ser Val
 50 55 60
 Asp Gly Ala Lys Val Ile Ile Asn Ser Thr Ile Thr Pro Asn Met
 65 70 75
 Thr Phe Thr Asn Thr Ser Gln Thr Ser Gly Gln Trp Ala Asp Ser
 80 85 90
 Arg Ala Asn Thr Val Phe Gly Leu Gly Phe Ser Ser Glu Gln Gln
 95 100 105
 Leu Thr Lys Phe Ala Glu Lys Phe Gln Glu Val Lys Glu Ala Ala
 110 115 120
 Lys Ile Ala Lys Asp Lys Thr Gln Glu Lys Ile Glu Thr Ser Ser
 125 130 135
 Asn His Ser Gln Ala Ser Ser Val Asn Gly Thr Asp Asp Glu Lys
 140 145 150
 Ala Ser His Ala Gly Pro Ala Asn Thr His Leu Lys Ser Glu Asn
 155 160 165
 Asp Lys Leu Lys Ile Ala Leu Thr Gln Ser Ala Ala Asn Val Lys
 170 175 180
 Lys Trp Glu Ile Glu Leu Gln Thr Leu Arg Glu Ser Asn Ala Arg
 185 190 195
 Leu Thr Thr Ala Leu Gln Glu Ser Ala Ala Ser Val Glu Gln Trp
 200 205 210
 Lys Arg Gln Phe Ser Ile Cys His Asp Glu Asn Asp Gln Leu Arg
 215 220 225
 Asn Lys Ile Asp Glu Leu Glu Gln Cys Ser Glu Ile Asn Arg
 230 235 240
 Glu Lys Glu Lys Asn Thr Gln Leu Lys Arg Arg Ile Glu Glu Leu
 245 250 255
 Glu Ala Glu Leu Arg Glu Lys Glu Thr Glu Leu Lys Asp Leu Arg
 260 265 270
 Lys Gln Ser Glu Ile Ile Pro Gln Leu Met Ser Glu Cys Glu Tyr
 275 280 285
 Val Ser Glu Lys Leu Glu Ala Ala Glu Arg Asp Asn Gln Asn Leu
 290 295 300
 Glu Asp Lys Val Arg Ser Leu Lys Thr Asp Ile Glu Glu Ser Lys
 305 310 315
 Tyr Arg Gln Arg His Leu Lys Val Glu Leu Lys Ser Phe Leu Glu
 320 325 330
 Val Leu Asp Gly Lys Ile Asp Asp Leu His Asp Phe Arg Arg Gly
 335 340 345
 Leu Ser Lys Leu Gly Thr Asp Asn
 350
<210> 18
<211> 441
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1317467CD1

<400> 18
Met Leu Leu Pro Gly Arg Ala Arg Gln Pro Pro Thr Pro Gln Pro
 1 5 10 15
Val Gln His Pro Gly Leu Arg Arg Gln Val Glu Pro Pro Gly Gln
 20 25 30
Leu Leu Arg Leu Phe Tyr Cys Thr Val Leu Val Cys Ser Lys Glu
 35 40 45
Ile Ser Ala Leu Thr Asp Phe Ser Gly Tyr Leu Thr Lys Leu Leu

50 55 60
 Gln Asn His Thr Thr Tyr Ala Cys Asp Gly Asp Tyr Leu Asn Leu
 65 70 75
 Gln Cys Pro Arg His Ser Thr Ile Ser Val Gln Ser Ala Phe Tyr
 80 85 90
 Gly Gln Asp Tyr Gln Met Cys Ser Ser Gln Lys Pro Ala Ser Gln
 95 100 105
 Arg Glu Asp Ser Leu Thr Cys Val Ala Ala Thr Thr Phe Gln Lys
 110 115 120
 Val Leu Asp Glu Cys Gln Asn Gln Arg Ala Cys His Leu Leu Val
 125 130 135
 Asn Ser Arg Val Phe Gly Pro Asp Leu Cys Pro Gly Ser Ser Lys
 140 145 150
 Tyr Leu Leu Val Ser Phe Lys Cys Gln Pro Asn Glu Leu Lys Asn
 155 160 165
 Lys Thr Val Cys Glu Asp Gln Glu Leu Lys Leu His Cys His Glu
 170 175 180
 Ser Lys Phe Leu Asn Ile Tyr Ser Ala Thr Tyr Gly Arg Arg Thr
 185 190 195
 Gln Glu Arg Asp Ile Cys Ser Ser Lys Ala Glu Arg Leu Pro Pro
 200 205 210
 Phe Asp Cys Leu Ser Tyr Ser Ala Leu Gln Val Leu Ser Arg Arg
 215 220 225
 Cys Tyr Gly Lys Gln Arg Cys Lys Ile Ile Val Asn Asn His His
 230 235 240
 Phe Gly Ser Pro Cys Leu Pro Gly Val Lys Lys Tyr Leu Thr Val
 245 250 255
 Thr Tyr Ala Cys Val Pro Lys Asn Ile Leu Thr Ala Ile Asp Pro
 260 265 270
 Ala Ile Ala Asn Leu Lys Pro Ser Leu Lys Gln Lys Asp Gly Glu
 275 280 285
 Tyr Gly Ile Asn Phe Asp Pro Ser Gly Ser Lys Val Leu Arg Lys
 290 295 300
 Asp Gly Ile Leu Val Ser Asn Ser Leu Ala Ala Phe Ala Tyr Ile
 305 310 315
 Arg Ala His Pro Glu Arg Ala Ala Leu Leu Phe Val Ser Ser Val
 320 325 330
 Cys Ile Gly Leu Ala Leu Thr Leu Cys Ala Leu Val Ile Arg Glu
 335 340 345
 Ser Cys Ala Lys Asp Phe Arg Asp Leu Gln Leu Gly Arg Glu Gln
 350 355 360
 Leu Val Pro Gly Ser Asp Lys Val Glu Glu Asp Ser Glu Asp Glu
 365 370 375
 Glu Glu Glu Glu Asp Pro Ser Glu Ser Asp Phe Pro Gly Glu Leu
 380 385 390
 Ser Gly Phe Cys Arg Thr Ser Tyr Pro Ile Tyr Ser Ser Ile Glu
 395 400 405
 Ala Ala Glu Leu Ala Glu Arg Ile Glu Arg Arg Glu Gln Ile Ile
 410 415 420
 Gln Glu Ile Trp Met Asn Ser Gly Leu Asp Thr Ser Leu Pro Arg
 425 430 435
 Asn Met Gly Gln Phe Tyr
 440
<210> 19
<211> 310
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 2279267CD1

<400> 19
Met Gly Asp Asn Ile Thr Ser Ile Thr Glu Phe Leu Leu Gly

1	Phe	Pro	Val	Gly	Pro	Arg	Ile	Gln	Met	Leu	Leu	Phe	Gly	Leu	Phe
					20				25						30
Ser	Leu	Phe	Tyr	Val	Phe	Thr	Leu	Leu	Gly	Asn	Gly	Thr	Ile	Leu	
					35				40						45
Gly	Leu	Ile	Ser	Leu	Asp	Ser	Arg	Leu	His	Ala	Pro	Met	Tyr	Phe	
					50				55						60
Phe	Leu	Ser	His	Leu	Ala	Val	Val	Asp	Ile	Ala	Tyr	Ala	Cys	Asn	
					65				70						75
Thr	Val	Pro	Arg	Met	Leu	Val	Asn	Leu	Leu	His	Pro	Ala	Lys	Pro	
					80				85						90
Ile	Ser	Phe	Ala	Gly	Arg	Met	Met	Gln	Thr	Phe	Leu	Phe	Ser	Thr	
					95				100						105
Phe	Ala	Val	Thr	Glu	Cys	Leu	Leu	Leu	Val	Val	Met	Ser	Tyr	Asp	
					110				115						120
Leu	Tyr	Val	Ala	Ile	Cys	His	Pro	Leu	Arg	Tyr	Leu	Ala	Ile	Met	
					125				130						135
Thr	Trp	Arg	Val	Cys	Ile	Thr	Leu	Ala	Val	Thr	Ser	Trp	Thr	Thr	
					140				145						150
Gly	Val	Leu	Leu	Ser	Leu	Ile	His	Leu	Val	Leu	Leu	Leu	Pro	Leu	
					155				160						165
Pro	Phe	Cys	Arg	Pro	Gln	Lys	Ile	Tyr	His	Phe	Phe	Cys	Glu	Ile	
					170				175						180
Leu	Ala	Val	Leu	Lys	Leu	Ala	Cys	Ala	Asp	Thr	His	Ile	Asn	Glut	
					185				190						195
Asn	Met	Val	Leu	Ala	Gly	Ala	Ile	Ser	Gly	Leu	Val	Gly	Pro	Leu	
					200				205						210
Ser	Thr	Ile	Val	Val	Ser	Tyr	Met	Cys	Ile	Leu	Cys	Ala	Ile	Leu	
					215				220						225
Gln	Ile	Gln	Ser	Arg	Glu	Val	Gln	Arg	Lys	Ala	Phe	Cys	Thr	Cys	
					230				235						240
Phe	Ser	His	Leu	Cys	Val	Ile	Gly	Leu	Phe	Tyr	Gly	Thr	Ala	Ile	
					245				250						255
Ile	Met	Tyr	Val	Gly	Pro	Arg	Tyr	Gly	Asn	Pro	Lys	Glu	Gln	Lys	
					260				265						270
Lys	Tyr	Leu	Leu	Leu	Phe	His	Ser	Leu	Phe	Asn	Pro	Met	Leu	Asn	
					275				280						285
Pro	Leu	Ile	Cys	Ser	Leu	Arg	Asn	Ser	Glu	Val	Lys	Asn	Thr	Leu	
					290				295						300
Lys	Arg	Val	Leu	Gly	Val	Glu	Arg	Ala	Leu						
					305				310						

<210> 20
<211> 438
<212> PRT
<213> *Homo sapiens*

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<220>
<221> misc_feature
<223> Incyte ID No: 2436258CD1
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<400> 20
Met Glu Val Gly Gly Asp Thr Ala Ala Pro Ala Pro Gly Gly Ala
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Glu Asp Leu Glu Asp Thr Gln Phe Pro Ser Glu Glu Ala Arg Glu
      20          25          30
Gly Gly Gly Val His Ala Val Pro Pro Asp Pro Glu Asp Glu Gly
      35          40          45
Leu Glu Glu Thr Glu Asp His Lys Leu Val Phe Leu Gln Gln Gly
      50          55          60
Pro Leu Leu Leu Val Ala Met Ser Arg Thr Ser Gln Ser Ala Ala
      65          70          75
Gln Leu Arg Gly Glu Leu Leu Ala Val His Ala Gln Ile Val Ser
      80          85          90
Thr Leu Thr Arg Ala Ser Val Ala Arg Ile Phe Ala His Lys Gln

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95		100		105										
Asn	Tyr	Asp	Leu	Arg	Arg	Leu	Leu	Ala	Gly	Ser	Glu	Arg	Thr	Leu
				110					115					120
Asp	Arg	Leu	Leu	Asp	Ser	Met	Glu	Gln	Asp	Pro	Gly	Ala	Leu	Leu
				125					130					135
Leu	Gly	Ala	Val	Arg	Cys	Val	Pro	Leu	Ala	Arg	Pro	Leu	Arg	Asp
				140					145					150
Ala	Leu	Gly	Ala	Leu	Leu	Arg	Arg	Cys	Thr	Ala	Pro	Gly	Leu	Ala
				155					160					165
Leu	Ser	Val	Leu	Ala	Val	Gly	Gly	Arg	Leu	Ile	Thr	Ala	Ala	Gln
				170					175					180
Glu	Arg	Asn	Val	Leu	Ala	Glu	Cys	Arg	Leu	Asp	Pro	Ala	Asp	Leu
				185					190					195
Gln	Leu	Leu	Leu	Asp	Trp	Val	Gly	Ala	Pro	Ala	Phe	Ala	Ala	Gly
				200					205					210
Glu	Ala	Trp	Ala	Pro	Val	Cys	Leu	Pro	Arg	Phe	Asn	Pro	Asp	Gly
				215					220					225
Phe	Phe	Tyr	Ala	Tyr	Val	Ala	Arg	Leu	Asp	Ala	Met	Pro	Val	Cys
				230					235					240
Leu	Leu	Leu	Leu	Gly	Thr	Gln	Arg	Glu	Ala	Phe	His	Ala	Met	Ala
				245					250					255
Ala	Cys	Arg	Arg	Leu	Val	Glu	Asp	Gly	Met	His	Ala	Leu	Gly	Ala
				260					265					270
Met	Arg	Ala	Leu	Gly	Glu	Ala	Ala	Ser	Phe	Ser	Asn	Ala	Ser	Ser
				275					280					285
Ala	Ser	Ala	Pro	Ala	Tyr	Ser	Val	Gln	Ala	Val	Gly	Ala	Pro	Gly
				290					295					300
Leu	Arg	His	Phe	Leu	Tyr	Lys	Pro	Leu	Asp	Ile	Pro	Asp	His	His
				305					310					315
Arg	Gln	Leu	Pro	Gln	Phe	Thr	Ser	Pro	Glu	Leu	Glu	Ala	Pro	Tyr
				320					325					330
Ser	Arg	Glu	Glu	Glu	Arg	Gln	Arg	Leu	Ser	Asp	Leu	Tyr	His	Arg
				335					340					345
Leu	His	Ala	Arg	Leu	His	Ser	Thr	Ser	Arg	Pro	Leu	Arg	Leu	Ile
				350					355					360
Tyr	His	Val	Ala	Glu	Lys	Glu	Thr	Leu	Leu	Ala	Trp	Val	Thr	Ser
				365					370					375
Lys	Phe	Glu	Leu	Tyr	Thr	Cys	Leu	Ser	Pro	Leu	Val	Thr	Lys	Ala
				380					385					390
Gly	Ala	Ile	Leu	Val	Val	Thr	Lys	Leu	Leu	Arg	Trp	Val	Lys	Lys
				395					400					405
Glu	Glu	Asp	Arg	Leu	Phe	Ile	Arg	Tyr	Pro	Pro	Lys	Tyr	Ser	Thr
				410					415					420
Pro	Pro	Ala	Thr	Ser	Thr	Asp	Gln	Ala	Ala	His	Asn	Gly	Leu	Phe
				425					430					435
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20 25 30
Leu Glu Thr Val Ala Thr Ala Gly Val Val Thr Ser Val Ala Phe
35 40 45
Met Leu Thr Leu Pro Ile Leu Val Cys Lys Val Gln Asp Ser Asn

50	55	60
Arg Arg Lys Met Leu Pro Thr Gln Phe	Leu Phe Leu Leu Gly Val	
65	70	75
Leu Gly Ile Phe Gly Leu Thr Phe Ala	Phe Ile Ile Gly Leu Asp	
80	85	90
Gly Ser Thr Gly Pro Thr Arg Phe Phe	Leu Phe Gly Ile Leu Phe	
95	100	105
Ser Ile Cys Phe Ser Cys Leu Leu Ala	His Ala Val Ser Leu Thr	
110	115	120
Lys Leu Val Arg Gly Arg Lys Pro Leu	Ser Leu Leu Val Ile Leu	
125	130	135
Gly Leu Ala Val Gly Phe Ser Leu Val	Gln Asp Val Ile Ala Ile	
140	145	150
Glu Tyr Ile Val Leu Thr Met Asn Arg	Thr Asn Val Asn Val Phe	
155	160	165
Ser Glu Leu Ser Ala Pro Arg Arg Asn	Glu Asp Phe Val Leu Leu	
170	175	180
Leu Thr Tyr Val Leu Phe Leu Met Ala	Leu Thr Phe Leu Met Ser	
185	190	195
Ser Phe Thr Phe Cys Gly Ser Phe Thr	Gly Trp Lys Arg His Gly	
200	205	210
Ala His Ile Tyr Leu Thr Met Leu Leu	Ser Ile Ala Ile Trp Val	
215	220	225
Ala Trp Ile Thr Leu Leu Met Leu Pro	Asp Phe Asp Arg Arg Trp	
230	235	240
Asp Asp Thr Ile Leu Ser Ser Ala Leu	Ala Ala Asn Gly Trp Val	
245	250	255
Phe Leu Leu Ala Tyr Val Ser Pro Glu	Phe Trp Leu Leu Thr Lys	
260	265	270
Gln Arg Asn Pro Met Asp Tyr Pro Val	Glu Asp Ala Phe Cys Lys	
275	280	285
Pro Gln Leu Val Lys Lys Ser Tyr Gly	Val Glu Asn Arg Ala Tyr	
290	295	300
Ser Gln Glu Glu Ile Thr Gln Gly Phe	Glu Glu Thr Gly Asp Thr	
305	310	315
Leu Tyr Ala Pro Tyr Ser Thr His Phe	Gln Leu Gln Asn Gln Pro	
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Pro Gln Lys Glu Phe Ser Ile Pro Arg	Ala His Ala Trp Pro Ser	
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Pro Tyr Lys Asp Tyr Glu Val Lys Lys	Glu Gly Ser	
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35	40	45	
Lys Thr Gly Leu Lys Ile Val Gly Asn Gly Ser Glu Gln Gln Leu			
50	55	60	
Gln Lys Glu Leu Ala Asp Val Leu Met Asp Pro Pro Met Asp Asp			
65	70	75	
Gln Pro Gly Glu Lys Glu Leu Val Lys Arg Ser Gln Leu Asp Gly			
80	85	90	
Glu Gly Asp Gly Pro Leu Ser Asn Gln Leu Ser Ala Ser Ser Thr			

	95	100	105
Ile Asn Pro Val	Pro Leu Val Gly Leu	Gln Lys Pro Glu Met	Ser
110	115	120	
Leu Pro Val Lys	Pro Gly Gln Gly Asp	Ser Glu Ala Ser Ser	Pro
125	130	135	
Phe Thr Pro Val	Ala Asp Glu Asp Ser	Val Val Phe Ser Lys	Leu
140	145	150	
Thr Tyr Leu Gly	Cys Ala Ser Val Asn	Ala Pro Arg Ser Glu	Val
155	160	165	
Glu Ala Leu Arg	Met Met Ser Ile Leu	Arg Ser Gln Cys Gln	Ile
170	175	180	
Ser Leu Asp Val	Thr Leu Ser Val Pro	Asn Val Ser Glu Gly	Ile
185	190	195	
Val Arg Leu Leu	Asp Pro Gln Thr Asn	Thr Glu Ile Ala Asn	Tyr
200	205	210	
Pro Ile Tyr Lys	Ile Leu Phe Cys Val	Arg Gly His Asp Gly	Thr
215	220	225	
Pro Glu Ser Asp	Cys Phe Ala Phe Thr	Glu Ser His Tyr Asn	Ala
230	235	240	
Glu Leu Phe Arg	Ile His Val Phe Arg	Cys Glu Ile Gln Glu	Ala
245	250	255	
Val Ser Arg Ile	Leu Tyr Ser Phe Ala	Thr Ala Phe Arg Arg	Ser
260	265	270	
Ala Lys Gln Thr	Pro Leu Ser Ala Thr	Ala Ala Pro Gln Thr	Pro
275	280	285	
Asp Ser Asp Ile	Phe Thr Phe Ser Val	Ser Leu Glu Ile Lys	Glu
290	295	300	
Asp Asp Gly Lys	Gly Tyr Phe Ser Ala Val	Pro Lys Asp Lys Asp	
305	310	315	
Arg Gln Cys Phe	Lys Leu Arg Gln Gly	Ile Asp Lys Lys Ile	Val
320	325	330	
Ile Tyr Val Gln	Gln Thr Thr Asn Lys	Glu Leu Ala Ile Glu	Arg
335	340	345	
Cys Phe Gly Leu	Leu Leu Ser Pro Gly	Lys Asp Val Arg Asn	Ser
350	355	360	
Asp Met His Leu	Leu Asp Leu Glu Ser	Met Gly Lys Ser Ser	Asp
365	370	375	
Gly Lys Ser Tyr	Val Ile Thr Gly Ser	Trp Asn Pro Lys Ser	Pro
380	385	390	
His Phe Gln Val	Val Asn Glu Glu Thr	Pro Lys Asp Lys Val	Leu
395	400	405	
Phe Met Thr Thr	Ala Val Asp Leu Val	Ile Thr Glu Val Gln	Glu
410	415	420	
Pro Val Arg Phe	Leu Leu Glu Thr Lys	Val Arg Val Cys Ser	Pro
425	430	435	
Asn Glu Arg Leu	Phe Trp Pro Phe Ser	Lys Arg Ser Thr Thr	Glu
440	445	450	
Asn Phe Phe Leu	Lys Leu Lys Gln Ile	Lys Gln Arg Glu Arg	Lys
455	460	465	
Asn Asn Thr Asp	Thr Leu Tyr Glu Val	Val Cys Leu Glu Ser	Glu
470	475	480	
Ser Glu Arg Glu	Arg Arg Lys Thr Thr	Ala Ser Pro Ser Val	Arg
485	490	495	
Leu Pro Gln Ser	Gly Ser Gln Ser	Val Ile Pro Ser Pro	Pro
500	505	510	
Glu Asp Asp Glu	Glu Glu Asp Asn Asp	Glu Pro Leu Leu Ser	Gly
515	520	525	
Ser Gly Asp Val	Ser Lys Glu Cys Ala	Glu Lys Ile Leu Glu	Thr
530	535	540	
Trp Gly Glu Leu	Leu Ser Lys Trp His	Leu Asn Leu Asn Val	Arg
545	550	555	
Pro Lys Gln Leu	Ser Ser Leu Val Arg	Asn Gly Val Pro Glu	Ala
560	565	570	
Leu Arg Gly Glu	Val Trp Gln Leu	Leu Ala Gly Cys His Asn	Asn

	575	580	585
Asp His Leu Val	Glu Lys Tyr Arg Ile	Leu Ile Thr Lys Glu	Ser
590	595	600	
Pro Gln Asp Ser Ala	Ile Thr Arg Asp	Ile Asn Arg Thr Phe	Pro
605	610	615	
Ala His Asp Tyr Phe	Lys Asp Thr Gly	Gly Asp Gly Gln Asp	Ser
620	625	630	
Leu Tyr Lys Ile Cys	Lys Ala Tyr Ser Val	Tyr Asp Glu Glu	Ile
635	640	645	
Gly Tyr Cys Gln Gly	Gln Ser Phe Leu Ala	Ala Val Leu Leu	Leu
650	655	660	
His Met Pro Glu Glu	Gln Ala Phe Ser Val	Leu Val Lys Ile	Met
665	670	675	
Phe Asp Tyr Gly	Leu Arg Glu Leu Phe	Lys Gln Asn Phe Glu	Asp
680	685	690	
Leu His Cys Lys Phe	Tyr Gln Leu Glu Arg	Leu Met Gln Glu	Tyr
695	700	705	
Ile Pro Asp Leu Tyr	Asn His Phe Leu Asp	Ile Ser Leu Glu	Ala
710	715	720	
His Met Tyr Ala Ser	Gln Trp Phe Leu Thr	Leu Phe Thr Ala	Lys
725	730	735	
Phe Pro Leu Tyr Met	Val Phe His Ile	Ile Asp Leu Leu	Cys
740	745	750	
Glu Gly Ile Ser Val	Ile Phe Asn Val	Ala Leu Gly Leu	Leu
755	760	765	
Thr Ser Lys Asp Asp	Leu Leu Leu Thr	Asp Phe Glu Gly	Ala
770	775	780	
Lys Phe Phe Arg Val	Gln Leu Pro Lys	Arg Tyr Arg Ser Glu	Glu
785	790	795	
Asn Ala Lys Lys Leu	Met Glu Leu Ala	Cys Asn Met Lys	Ile
800	805	810	
Gln Lys Lys Leu Lys	Lys Tyr Glu Lys	Glu Tyr His Thr	Met Arg
815	820	825	
Glu Gln Gln Ala	Gln Glu Asp Pro	Ile Glu Arg Phe	Glu Arg
830	835	840	
Glu Asn Arg Arg Leu	Gln Glu Ala Asn	Met Arg Leu Glu	Gln Glu
845	850	855	
Asn Asp Asp Leu Ala	His Glu Leu Val	Thr Ser Lys Ile	Ala Leu
860	865	870	
Arg Lys Asp Leu Asp	Asn Ala Glu Glu	Lys Ala Asp Ala	Leu Asn
875	880	885	
Lys Glu Leu Leu Met	Thr Lys Gln Lys	Leu Ile Asp Ala	Glu Glu
890	895	900	
Glu Lys Arg Arg Leu	Glu Glu Glu Ser	Ala Gln Leu Lys	Glu Met
905	910	915	
Cys Arg Arg Glu Leu	Asp Lys Ala Glu	Ser Glu Ile Lys	Lys Asn
920	925	930	
Ser Ser Ile Ile Gly	Asp Tyr Lys Gln	Ile Cys Ser Gln	Leu Ser
935	940	945	
Glu Arg Leu Glu Lys	Gln Gln Thr Ala	Asn Lys Val Glu	Ile Glu
950	955	960	
Lys Ile Arg Gln Lys	Val Asp Asp Cys	Glu Arg Cys Arg	Glu Phe
965	970	975	
Phe Asn Lys Glu Gly	Arg Val Lys Gly	Ile Ser Ser Thr	Lys Glu
980	985	990	
Val Leu Asp Glu Asp	Thr Asp Glu Glu	Lys Glu Thr Leu	Lys Asn
995	1000	1005	
Gln Leu Arg Glu Met	Glu Leu Glu Leu	Ala Gln Thr Lys	Leu Gln
1010	1015	1020	
Leu Val Glu Ala Glu	Cys Lys Ile Gln	Asp Leu Glu His	His Leu
1025	1030	1035	
Gly Leu Ala Leu Asn	Glu Val Gln Ala	Ala Lys Lys	Thr Trp Phe
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<211> 1165

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<211> 3523

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 2470285CB1

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<221> unsure

<222> 3393, 3419, 3435, 3443

<223> a, t, c, g, or other

<400> 27

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<211> 2179

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: P2925789CB1

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 <213> Homo sapiens

<220>
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<210> 30
 <211> 627
 <212> DNA
 <213> Homo sapiens

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<211> 1858
<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte ID No: 288709CB1

<400> 31

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<212> DNA
<213> Homo sapiens

<220>
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 <212> DNA
 <213> Homo sapiens

<220>
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